



"PATENT"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Sebastian C. Reyes, et al.

) Before The Examiner

) Not Yet Assigned

U.S. Serial No.: 10/699,258

Filed: October 31, 2003

For: LIGHT HYDROCARBON SEPARATION USING 8-MEMBER RING ZEOLITES

) Group Art Unit 1764

) Family No.: P2003J087

) Job No. 819101

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.97(d)

Provided herewith is the Information Disclosure Statement for the subject application.

The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to Deposit Account No. 05-1330.

Respectfully submitted,

Joseph C. Wang

Attorney for Applicant(s)

Registration No. 44,391

Telephone No. (908) 730-3665

ExxonMobil Research and Engineering Company

P. O. Box 900

Annandale, New Jersey 08801-0900

JCW:dws February 9, 2004

I hereby certify that I have a reasonable basis for believing that this correspondence will be deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on February 10, 2004

Date of Deposit

Diane Stracka

Name of attorney or agent

Diane Stracka

Signature

2/9/04

Date of Signature

02/17/2004 BSAYAS11 00000067 051330 10699258

01 FC:1806

180.00 DA



27810

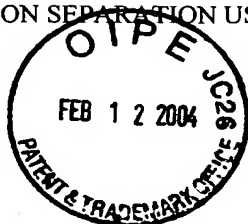
PATENT TRADEMARK OFFICE

AMENDMENT TRANSMITTAL FORM

In re application of: Sebastian C. Reyes, et al.
U. S. Serial No.: 10/699,258 [819101]
Filed: October 31, 2003
For: LIGHT HYDROCARBON SEPARATION USING 8-MEMBER
RING ZEOLITES

) Before the Examiner
) Not Yet Assigned
)
) Confirmation Number: 2524
) Group Art Unit: 1764
) Family Number: P2003J087

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



- ☒ The undersigned hereby certifies having information and a reasonable basis for belief that this correspondence will be deposited as first-class mail with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on February 10, 2004

Transmittal herewith is an amendment/response in the above-identified application.

Petition for extension of time pursuant to 37 CFR 1.136 and 1.137 is hereby made, if and to the extent, required. The fee for this extension of time is calculated to be \$ _____ to extend the time for filing this response until _____.

The fee for any changes in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest Number Previously Paid For	(5) Present Extra	(6) Rate	(7)
Total Claims	*	Minus	**		x 18.00	
Indep. Claims	*	Minus	***		x 86.00	
MULTIPLE DEPENDENT CLAIM FEE					\$290.00	
FEE FOR CLAIM CHANGES						

- * If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.
** If the "Higher Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The total fee for this INFORMATION DISCLOSURE STATEMENT, including claim changes and any extension of time is calculated to be \$ 180.00.

☒ Charge \$ 180.00 to Deposit Account No. 05-1330.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to Deposit Account No. 05-1330. A duplicate copy of this Form is enclosed.

February 9, 2004
Date of Signature

Post Office Address: [to which correspondence is to be sent]
ExxonMobil Research and Engineering Company
P. O. Box 900
Annandale, New Jersey 08801-0900

Joseph C. Wang
Attorney or Agent of Record

JOSEPH C. WANG

Registration No. 44,391

☒ Pursuant to 37 CFR 1.34(a)

Facsimile No. (908) 730-3649



27810

PATENT TRADEMARK OFFICE

JCW:dws

**INFORMATION
DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Applicant(s)

Sebastian C. Reyes, et al.

U. S. Serial Number

10/699,258

Filing Date

October 31, 2003

Confirmation Number

2524

Group Art Unit

1764

Attorney Docket Number

JCW-0306

Family Number

P2003J087

U. S. PATENT DOCUMENTS

Examiner Initial *		Document Number							Date	Name	Class	Sub-Class	Filing Date
	AA	4	5	4	4	5	3	8	10/1/85	Zones	423/326		
	AB	5	3	6	5	0	1	1	11/15/94	Ramachandran et al.	585/829		
	AC	5	4	1	8	2	9	9	5/23/95	Kim et al.	525/400		
	AD	5	4	6	6	8	3	7	11/14/95	Ramachandran et al.	549/533		
	AE	6	2	0	0	3	6	6 B1	3/13/01	Bulow et al.	95/101		
	AF	6	2	9	3	9	9	9 B1	9/25/01	Cheng et al.	95/96		
	AG	6	2	9	6	6	8	8 B1	10/2/01	Cheng et al.	95/101		
	AH	6	4	8	8	7	4	1	12/3/02	Olson	95/144		
	AI												

FOREIGN PATENT DOCUMENTS

		Document Number							Publication Date	Country	Class	Sub-Class	Translation Yes No	
	AJ	WO	02/	0	5	8	8	20 A1	01.08.2002	PCT	B01D 53/047			
	AK	EP	0	7	6	8	1	11 A1	16.04.1997	Europe	B01D 53/94			
	AL													
	AM													

OTHER DISCLOSURES (Include Author, Title, Date, Pertinent Pages, Place of Publication, etc.)

	AN	S. I. Zones, "Conversion of Faujasites to High-silica Chabazite SSZ-13 in the Presence of <i>N, N, N</i> -Trimethyl-1-adamantammonium Iodide," J. Chem. Soc. Faraday Trans., 1991, Vol. 87, pp 3709-3716.
	AO	R. T. Yang and E. S. Kikkinides, "New Sorbents for Olefin/paraffin Separations by Adsorption via π -Complexation," AIChE Journal, March 1995, Vol. 41, No. 3, pp 509-517.
	AP	J. Padin, Ralph T. Yang, "New sorbents for olefin/paraffin separations by adsorption via π -complexation: synthesis and effects of substrates," Chemical Engineering Science 55 (2000) 2607-2616.

Examiner	Date Considered
----------	-----------------

* Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and NOT considered. Include copy of this form with next communication to applicant(s).



27810

PATENT TRADEMARK OFFICE

JCW:dws